



**MAIL STOP MISSING REQUIREMENTS**

Attorney Docket: 26208

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Attorney: GMN/SMH

PARK, Hee-Sung

International Application No. PCT/KR2002/02154

Serial Number: 10/500,447      Filed:      June 30, 2004

International Filing Date:      19 November 2002 (19.11.2002)

Title:                    **METHOD FOR PRODUCING A RECOMBINANT PROTEIN USING  
POLLEN**

**SEQUENCE LISTING SUBMISSION STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the Sequence Listing submitted herewith, the undersigned attorney hereby states that;

- 1) The submission, filed herewith in accordance with the relevant sections of 37 CFR 1.821, does not include new matter; and
- 2) The content of the attached paper copy and the attached computer readable copy of the Sequence Listing are the same.

Respectfully submitted,

**NATH & ASSOCIATES PLLC**

Gary M. Nath  
Reg. No. 26,965  
Susanne M. Hopkins  
Reg. No. 33,247  
Customer No. 20529

Date:      April 3, 2006

**NATH & ASSOCIATES PLLC**  
112 S. West Street  
Alexandria, VA 22314  
Tel: (703) 548-6284  
Fax: (703) 683-8396  
GMN/SMH/PCT.SeqListingState



26208\_seq\_list.txt  
SEQUENCE LISTING

<110> PARK, Hee-Sung  
<120> Method for producing a recombinant protein using pollen  
<130> YLOP040518US/PCT  
<140> 10/500,447  
<141> 2004-06-30  
<150> KR 2001-71712  
<151> 2001-11-19  
<160> 6  
<170> PatentIn version 3.3  
<210> 1  
<211> 24  
<212> DNA  
<213> Artificial  
<220>  
<223> oligonucleotide as a forward primer for amplifying urease B gene  
using PCR method  
<400> 1  
atcctagaat gaaaaagatt agca 24  
  
<210> 2  
<211> 24  
<212> DNA  
<213> Artificial  
<220>  
<223> oligonucleotide as a backward primer for amplifying urease B gene  
using PCR method  
<400> 2  
gagctcctag aaaatgctaa agag 24  
  
<210> 3  
<211> 25  
<212> DNA  
<213> Artificial  
<220>  
<223> oligonucleotide as a forward primer for amplifying tissue  
plasminogen activator using PCR method  
<400> 3  
aatctagaca tggatgcaat gaaga 25  
  
<210> 4  
<211> 26  
<212> DNA  
<213> Artificial  
<220>

## 26208\_seq\_list.txt

<223> oligonucleotide as a backward primer for amplifying tissue plasminogen activator using PCR method

<400> 4  
atgatctctg gtcacggtcg catgtt 26

<210> 5  
<211> 1710  
<212> DNA  
<213> Helicobacter pylori

<400> 5  
atgaaaaaga ttagcagaaa agaatatgtt tctatgtatg gccctactac aggcgataaa 60  
gtgagattgg gcgatacaga cttgatcgct gaagtagaac atgactacac ctttatggc 120  
gaagagctta aattcggcgg tggtaaaacc ctaagagaag gcatgagcca atctaacaac 180  
cctagcaaag aagaactgga tctaatacct actaacgctt taatcgtgga ttacaccggt 240  
atttataaag cggatattgg tattaaagat ggcaaaatcg ctggcattgg taaaggcggg 300  
aacaaagaca tgcaagatgg cgtaaaaaac aatcttagcg tgggtcctgc tactgaagcc 360  
ttagccggtg aaggtttgat cgtaactgct ggtggtattg acacacacat ccacttcac 420  
tcccccaaac aaatccctac agcttttgca agcgggtgta caacgatgat tgggtggcga 480  
actggccctg ctgatggcac taacgcaacc actatcactc caggtagaag aaatttaaaa 540  
tggatgctca gagcggcaga agaataattt atgaacttaa gtttcttagc taaaggtaac 600  
gcttctaacg atgcaagctt agccgatcaa attgaagccg gtgcgattgg ctttaaaatc 660  
cacgaagact ggggcaccac tccttctgca atcaatcatg cgtagatgt tgcggacaaa 720  
tacgatgtgc aagtcgctat ccacacagac actttgaatg aagccggttg ttagaagac 780  
actatggcag ccattgccgg acgcactatg cacactttcc aactgaagg cgctgggtggc 840  
ggacacgctc ctgatattat taaagtagct ggtgaacaca acattctgcc cgcttcact 900  
aaccacctta tccctttcac tgtgaataga gaagcagaac acatggacat gcttatgggtg 960  
tgccaccact tggataaaaag cattaaagaa gatgttcagt tcgctgattc aaggatccgc 1020  
cctcaaaacta ttgcggctga agacactttg catgacatgg ggattttctc aatcaccagt 1080  
tctgactctc aagctatggg tcgtgtgggt gaagttatca ccagaacttg gcaaacagct 1140  
gacaaaaaca aaaaagaatt tggccgcttg aaagaagaaa aaggcgataa cgacaacttc 1200  
aggatcaaac gctacttgct taaatacacc attaaccag cgatcgctca tgggattagc 1260  
gagtatgtag gttctgtaga agtgggcaaa gtggctgact tgggtgttggt gagtcccgca 1320  
ttctttggcg tgaaacccaa catgatcatc aaaggcggat tcattgcatt gagtcaaattg 1380  
ggtgatgcga acgcttctat ccctaccca caaccggttt attatagaga aatgttcgct 1440  
catcatggta aagctaaata cgatgcaaac atcacttttg tgtctcaagc ggcttatgac 1500

26208\_seq\_list.txt

|            |             |             |            |            |            |      |
|------------|-------------|-------------|------------|------------|------------|------|
| aaaggcatta | aagaagaatt  | agggccttgaa | aggcaagtgt | tgccggtaaa | aaattgcaga | 1560 |
| aacatcacta | aaaaagacat  | gcaattcaac  | gacactaccg | ctcacattga | agtcaatcct | 1620 |
| gaaacttacc | atgtgttcgt  | ggatggcaaa  | gaagtaactt | ctaaaccagc | caataaagtg | 1680 |
| agcttggcac | aactcttttag | catttttctag |            |            |            | 1710 |

<210> 6  
 <211> 2280  
 <212> DNA  
 <213> Homo sapiens

|            |  |
|------------|--|
| <400> 6    |  |
| ggagtccagg | gctggagaga aaacctctgc gaggaaggg aaggagcaag ccgtgaattt 60     |
| aagggacgct | gtgaagcaat catggatgca atgaagagag ggctctgctg tgtgctgctg 120   |
| ctgtgtggag | cagtcttcgt ttcgcccagc caggaaatcc atgcccgatt cagaagagga 180   |
| gccagatctt | accaagtgat ctgcagagat gaaaaaacgc agatgatata ccagcaacat 240   |
| cagtcatggc | tgcgccctgt gtcagaagc aaccgggttg aatattgctg gtgcaacagt 300    |
| ggcagggcac | agtgccactc agtgccctgtc aaaagttgca gcgagccaag gtgtttcaac 360  |
| gggggcacct | gccagcaggc cctgtacttc tcagatttcg tgtgccagtg ccccgaagga 420   |
| tttgctggga | agtgctgtga aatagatacc agggccacgt gctacgagga ccagggcatc 480   |
| agctacaggg | gcacgtggag cacagcggag agtggcgccg agtgaccaa ctggaacagc 540    |
| agcgcgttgg | cccagaagcc ctacagcggg cggaggccag atgccatcag gctgggcctg 600   |
| gggaaccaca | actactgcag aaaccagat cgagactcaa agccctggtg ctacgtcttt 660    |
| aaggcgggga | agtacagctc agagtctctg agcaccctg cctgctctga gggaaacagt 720    |
| gactgctact | ttgggaatgg gtcagcctac cgtggcacgc acagcctcac cgagtcgggt 780   |
| gcctcctgcc | tcccgtggaa ttccatgatc ctgataggca aggtttacac agcacagaac 840   |
| cccagtcccc | aggcactggg cctgggcaaa cataattact gccggaatcc tgatggggat 900   |
| gccaagccct | ggtgccacgt gctgaagaac cgcaggctga cgtgggagta ctgtgatgtg 960   |
| ccctcctgct | ccacctgcgg cctgagacag tacagccagc ctcaagtttcg catcaaagga 1020 |
| gggctcttcg | ccgacatcgc ctcccacccc tggcaggctg ccatctttgc caagcacagg 1080  |
| aggtcgcccc | gagagcgggt cctgtgcggg ggcatactca tcagctcctg ctggattctc 1140  |
| tctgccgccc | actgcttcca ggagagggtt ccgccccacc acctgacggt gatcttgggc 1200  |
| agaacatacc | gggtgggtccc tggcgaggag gagcagaaat ttgaagtcga aaaatacatt 1260 |
| gtccataagg | aattcgaatga tgacacttac gacaatgaca ttgcgctgct gcagctgaaa 1320 |
| tcggattcgt | cccgtgtgac ccaggagagc agcgtggtcc gactgtgtg ctttcccccg 1380   |
| gcggacctgc | agctgccgga ctggacggag tgtgagctct ccggctacgg caagcatgag 1440  |

26208\_seq\_list.txt

|            |            |            |             |            |            |      |
|------------|------------|------------|-------------|------------|------------|------|
| gccttgtctc | ctttctattc | ggagcggctg | aaggaggctc  | atgtcagact | gtacccatcc | 1500 |
| agccgctgca | catcacaaca | tttacttaac | agaacagtca  | ccgacaacat | gctgtgtgct | 1560 |
| ggagacactc | ggagcggcgg | gccccaggca | aacttgacg   | acgcctgcca | gggcgattcg | 1620 |
| ggaggcccc  | tggtgtgtct | gaacgatggc | cgcattgactt | tggtgggcat | catcagctgg | 1680 |
| ggcctgggct | gtggacagaa | ggatgtccc  | ggtgtgtaca  | ccaagggtac | caactaccta | 1740 |
| gactggattc | gtgacaacat | gcgaccgtga | ccaggaacac  | ccgactcctc | aaaagcaa   | 1800 |
| gagatcccg  | ctcttcttct | tcagaagaca | ctgcaaaggc  | gcagtgtctc | tctacagact | 1860 |
| tctccagacc | caccacaccg | cagaagcggg | acgagaccct  | acaggagagg | gaagagtgca | 1920 |
| ttttcccaga | tacttcccat | tttgaagtt  | ttcaggactt  | ggtctgattt | caggatactc | 1980 |
| tgtcagatgg | gaagacatga | atgcacacta | gcctctccag  | gaatgcctcc | tccctgggca | 2040 |
| gaaagtggcc | atgccaccct | gttttcagct | aaagcccaac  | ctcctgacct | gtcaccgtga | 2100 |
| gcagctttgg | aaacaggacc | acaaaaatga | aagcatgtct  | caatagtaaa | agataacaag | 2160 |
| atctttcagg | aaagacggat | tgcattagaa | atagacagta  | tatttatagt | cacaagagcc | 2220 |
| cadcagggcc | tcaaagttgg | ggcaggctgg | ctggcccgtc  | atgttcctca | aaagcacct  | 2280 |